

# Times Tables

By Mrs Dodd

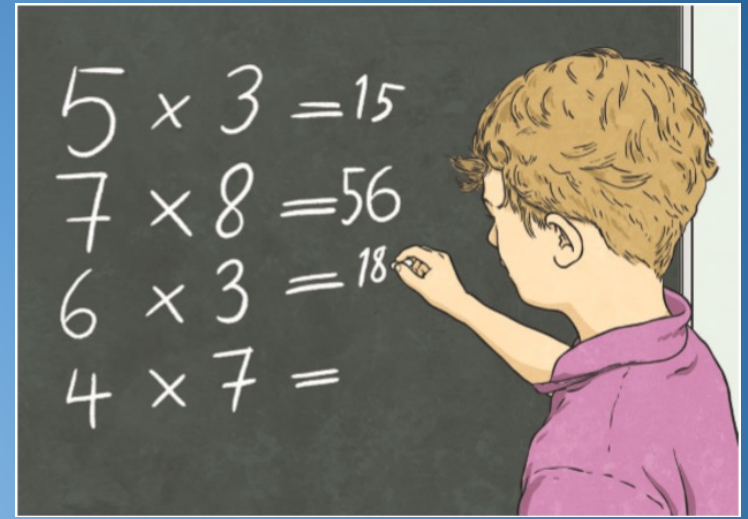
# Intent...

- Fundamental skill.
- Children to be fluent...
  - Y1: 1, 2, 5, 10 (count in steps of)
  - Y2: 2, 5, 10
  - Y3: 3, 4, 8, 11
  - Y4: 6, 7, 9, 12
  - Y5 and Y6: catch up with IEP targets.
- Improve Multiplication Check results.

*“Math fluency is the ability to apply math skills and knowledge quickly and consistently.”*

# What will it look like?

- Same starting point.
- Every day for up to 10 minutes.
- Precision teaching method.
- Weekly times table quiz.
- Times table facts on home learning sheets.
- Record charts to celebrate success.
- Class display.



# Precision teaching method...

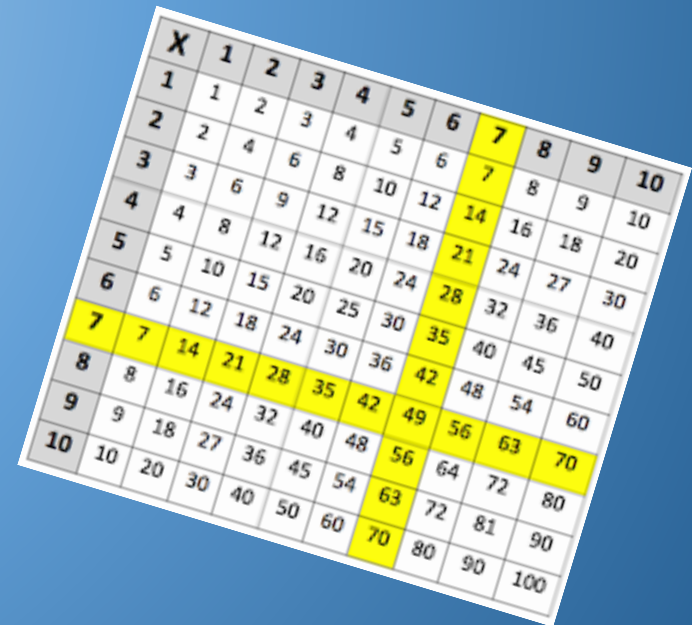
1. Key facts established and shared on home learning.
2. Teaching strategies e.g. chanting, missing number game, whiteboard and pen, snap, loop cards, bingo, multiplication chart etc.
3. Probe activity (assessment of session, celebrate success and next steps).
4. Maintenance check (previous times table facts checked here for 6 weeks after they have been learnt).
5. Generalisation (e.g. word problem).
6. Multiplication blast.

Skills:	1x2	2x2	3x2	4x2	5x2	6x2	
5x2		5x2		3x2		1x2	3x2
3x2		1x2		3x2		3x2	4x2
1x2		6x2		1x2		4x2	6x2
6x2		6x2		4x2		4x2	6x2
4x2		5x2		4x2		4x2	2x2
3x2		3x2		3x2		1x2	2x2
1x2		5x2		1x2		2x2	1x2
3x2		4x2		1x2		1x2	1x2
5x2		6x2		5x2		1x2	4x2

$2 \times 4 =$	$3 \times 4 =$	$1 \times 4 =$	$4 \times 4 =$	$5 \times 4 =$	a
$6 \times 4 =$	$1 \times 4 =$	$3 \times 4 =$	$6 \times 4 =$	$5 \times 4 =$	10
$2 \times 4 =$	$4 \times 4 =$	$5 \times 4 =$	$3 \times 4 =$	$4 \times 4 =$	15
$1 \times 4 =$	$2 \times 4 =$	$6 \times 4 =$	$3 \times 4 =$	$2 \times 4 =$	20
$4 \times 4 =$	$5 \times 4 =$	$6 \times 4 =$	$1 \times 4 =$	$5 \times 4 =$	25
$3 \times 4 =$	$6 \times 4 =$	$2 \times 4 =$	$1 \times 4 =$	$4 \times 4 =$	30
$6 \times 4 =$	$2 \times 4 =$	$4 \times 4 =$	$1 \times 4 =$	$5 \times 4 =$	35
$3 \times 4 =$	$1 \times 4 =$	$2 \times 4 =$	$4 \times 4 =$	$6 \times 4 =$	40

# Weekly times table quiz...

- Every Friday.
- One minute.
- All facts learnt for that time table so far (probe sheets).
- Aim rate = 15 (up to 4 seconds per answer).
- Record results.
- Any facts need recapping for the majority?



A 10x10 multiplication table is shown, tilted at an angle. The table has columns labeled 1 through 10 and rows labeled 1 through 10. The 7th row and 7th column are highlighted in yellow. The numbers in the highlighted cells are: 7, 14, 21, 28, 35, 42, 49, 56, 63, 70.

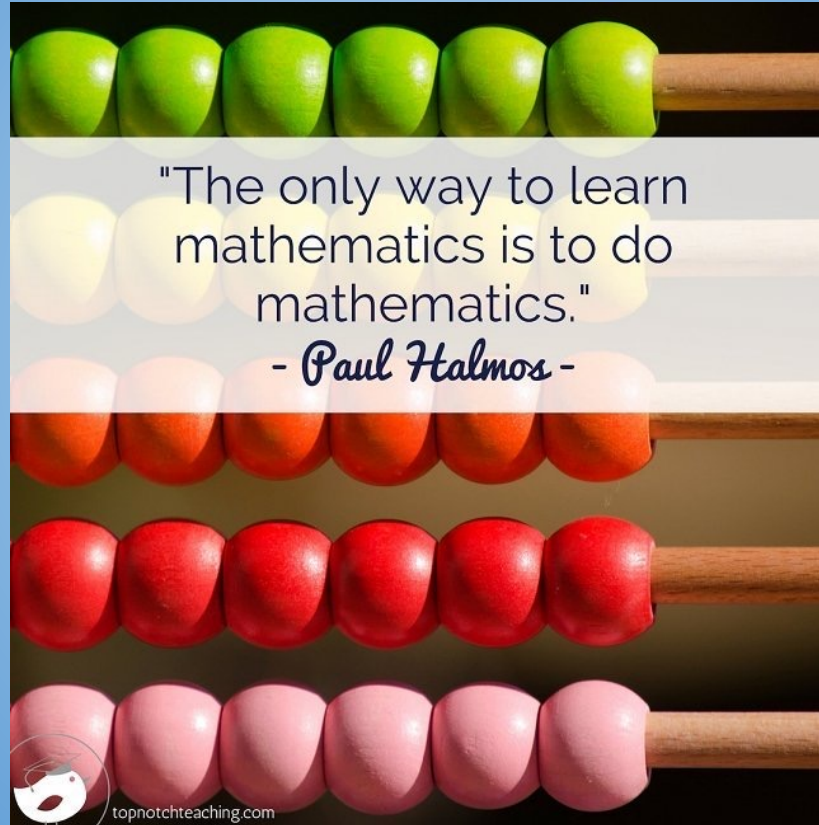
X	1	2	3	4	5	6	7	8	9	10
1	1	2	3	4	5	6	7	8	9	10
2	2	4	6	8	10	12	14	16	18	20
3	3	6	9	12	15	18	21	24	27	30
4	4	8	12	16	20	24	28	32	36	40
5	5	10	15	20	25	30	35	40	45	50
6	6	12	18	24	30	36	42	48	54	60
7	7	14	21	28	35	42	49	56	63	70
8	8	16	24	32	40	48	56	64	72	80
9	9	18	27	36	45	54	63	72	81	90
10	10	20	30	40	50	60	70	80	90	100

# Record charts...



- The children will have their own record chart.
- For those who want to challenge themselves, there will be booklets to take home.
- For each times table they can achieve a star:
  - Bronze: complete a multiplication table in order without error e.g.  $1 \times 4 = 4$ ,  $2 \times 4 = 8$  and so on.
  - Silver: rapidly answer random multiplication questions.
  - Gold: provide the multiplication facts when only given the product e.g.  $48 = 4 \times 12$ .
  - Supernova: rapidly answer random multiplication and division questions.
- This may be assessed through the multiplication quiz on a Friday or when the child feels they have achieved a new star level.

# Any questions?



Thank you for your support!